

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A stent-graft device for treating an abdominal aortic aneurysm, the stent-graft device comprising:
 - at least one stent member comprising at least one of a self-expanding stent member and a balloon-expandable stent member; and
 - at least one tubular graft member coupled with the at least one stent member, the tubular graft member having a proximal end and at least one distal end; and
 - at least one skirt graft member coupled with at least one of the stent member and the tubular graft member at or near the proximal end of the tubular graft member and extending toward the distal end,
 - wherein the skirt graft member is configured to be placed in contact with the inner wall of the aortic aneurysm when the stent-graft device is implanted adjacent to the abdominal aortic aneurysm.
2. (Original) A stent-graft device as in claim 1, wherein at least one stent member comprises:
 - at least one self-expanding stent member; and
 - at least one balloon expandable stent member coupled with the at least one self-expanding stent member.
3. (Original) A stent-graft device as in claim 2, wherein the at least one self-expanding member and the at least one balloon-expandable member comprise a plurality of alternating members, every other alternating member comprising either a self-expanding material or a balloon-expandable material.

4. (Original) A stent-graft device as in claim 3, wherein the balloon-expandable material comprises stainless steel and the self-expanding material comprises nitinol.

5. (Original) A stent-graft device as in claim 3, wherein the alternating members are coupled together with one or more pieces of adhesive.

6. (Original) A stent-graft device as in claim 5, wherein the adhesive further couples the alternating members with the tubular graft member.

7. (Original) A stent-graft device as in claim 3, wherein the alternating members are coupled together via one of welding, soldering or tying.

8. (Original) A stent-graft device as in claim 3, wherein the alternating members comprise a plurality of diamond-shaped members coupled together to form a cylindrical stent.

9. (Original) A stent-graft device as in claim 1, wherein the at least one tubular graft member comprises:
a main graft member toward the proximal end of the tubular graft member; and
at least one leg having a proximal end and a distal end, each leg member being coupled with the main graft member at its proximal end and extending toward the distal end of the tubular graft member.

10. (Original) A stent-graft device as in claim 9, wherein the at least one leg member comprises two leg members for coupling the distal end of the tubular graft member with two iliac arteries branching from the abdominal aorta.

11. (Original) A stent-graft device as in claim 10, wherein the two leg members comprise two sinusoidal leg members.

12. (Original) A stent-graft device as in claim 11, wherein the two sinusoidal leg members are helically intertwined.

13. (Original) A stent-graft device as in claim 10, wherein each of the two leg members is coupled with an iliac stent member at its distal end.

14. (Currently Amended) A stent-graft device as in claim 13 [[17]], wherein the iliac stent member comprises at least one of a self-expanding stent member and a balloon-expandable stent member.

15. (Original) A stent-graft device as in claim 10, wherein each of the two leg members is removably coupleable with the main graft member.

16. (Original) A stent-graft device as in claim 9, wherein the main graft member is coupled with at least one stent member at the proximal end of the tubular graft member, and each of the at least one leg members is coupled with at least one stent member at the distal end of the tubular graft member.

17. (Cancelled)

18. (Original) A stent-graft device as in claim 1, further comprising a suprarenal anchoring member coupled with the stent member for anchoring the stent-graft device at a location superior to renal arteries branching from the abdominal aorta.

19. (Original) A stent-graft device as in claim 18, wherein the suprarenal anchoring member comprises at least one of a self-expanding stent member and a balloon expandable stent member.

20. (Original) A stent-graft device as in claim 18, wherein the suprarenal anchoring is coupled with at least one of the self-expanding stent member and the balloon expandable stent member by at least one connective member selected from the group consisting of wire, ribbon, rods and bands of material.

21. (Original) A stent-graft device as in claim 18, further comprising an infrarenal anchoring member coupled with at least one of the stent member and the suprarenal

anchoring member for further anchoring the stent-graft device at a location inferior to the renal arteries.

22. (Original) A stent-graft device as in claim 21, wherein the infrarenal anchoring member comprises at least one of a self-expanding stent member and a balloon expandable stent member.

23. (Original) A stent-graft device as in claim 1, further comprising:
an infrarenal anchoring member for anchoring the stent-graft device at a location inferior to renal arteries branching from the abdominal aorta, the infrarenal anchoring member comprising at least one of a self-expanding member and a balloon-expandable member.

24. (Original) A stent-graft device as in claim 1, further comprising:
at least one expandable balloon member coupled with the at least one balloon-expandable stent member for expanding the balloon-expandable stent member.

25-32 (Cancelled)

33. (Currently Amended) A stent-graft device for treating an abdominal aortic aneurysm, the stent-graft device comprising:

a proximal stent member for coupling the stent device with the abdominal aorta proximal to the aneurysm;

at least one distal stent member for coupling the stent device with a blood vessel distal to the aneurysm; and

at least one graft member coupled with and extending between the proximal stent member and the at least one distal stent member, at least a portion of the graft member having a sinusoidal shape;

wherein the sinusoidal portion is configured to be positioned at least partly within the abdominal aortic aneurysm when the stent-graft device is implanted adjacent to the abdominal aortic aneurysm.

34. (Original) A stent-graft device as in claim 33, wherein the at least one distal stent member comprises two iliac stent members for coupling the stent-graft device with two iliac arteries branching from the abdominal aorta.

35. (Original) A stent-graft device as in claim 34, wherein the at least one graft member comprises:
a main graft member coupled with the proximal stent member; and
two leg members, each leg member coupled with the main graft member and one of the two iliac stent members.

36. (Original) A stent-graft device as in claim 34, wherein the at least one graft member comprises:
a main graft member coupled with the proximal stent member; and
two leg members, each leg member removably couplable with the main graft member and coupled with one of the two iliac stent members.

37. (Original) A stent-graft device as in claim 33, wherein at least one of the proximal stent member and the at least one distal stent member comprises:
at least one self-expanding stent member; and
at least one balloon expandable stent member coupled with the self-expanding stent member.

38. (Original) A stent-graft device as in claim 33, further comprising a suprarenal anchoring member coupled with the proximal stent member for anchoring the stent-graft device at a location superior to at least one renal artery branching from the aorta.

39. (Original) A stent-graft device as in claim 38, wherein the suprarenal anchoring member comprises at least one of a self-expanding member and a balloon expandable member.

40. (Original) A stent-graft device as in claim 33, further comprising at least one skirt member coupled with the proximal stent member and extending distally.

41-54 (Cancelled)